CLAIMS

1. A self-contained electronic estrus detection device for optimum breeding time calculation comprising:

a housing; and,

an electronic means for detecting, processing and indicating mounting activity data, said electronic means consisting essentially of a controller means, a processing means, a power means, an activation means and at least one indicating means mounted within said housing.

2. The estrus detection device as defined in claim 1, wherein said electronic means detects mounting activity, actuating the processing means according to preprogrammed thresholds and indicates satisfaction of said thresholds by visible indicator.

3. The estrus detection device as defined in claim 2, wherein said controller means includes a microprocessor.

4. The estrus detection device as defined in claim 2, wherein said power means includes at least one battery.

5. The estrus detection device as defined in claim 2, wherein said activation means includes a pressure sensitive switch.

6. The estrus detection device as defined in claim 2, wherein said indicating means includes at least one visible display means.

7. The estrus detection device as defined in claim 6, wherein said visible display means includes LED.

8. The estrus detection device as defined in claim 7, wherein said means for indicating suspect estrus, confirmed estrus or optimum time to breed.

9. The estrus detection device as defined in claim 2, wherein unitary housing is hermetically sealed

10. The estrus detection device as defined in claim 2, further comprising a reset means for resetting the processor and/or controller means.

Add A4

11. A self-contained electronic estrus detection device comprising:

a housing; and,

an electronic means for detecting, processing and indicating mounting activity data, said electronic means consisting essentially of a controller means, a processing means, a power means, an activation means and at least one indicating means mounted within said housing;

wherein said electronic means detects mounting activity, actuating the processing means according to preprogrammed thresholds and indicates satisfaction of said thresholds by visible indicator.